

Docket No.: 71030-047



IFW

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of : Customer Number: 20277  
Bernth Johansson, et al. : Confirmation Number: 6039  
Serial No.: 10/079,807 : Group Art Unit: 3662  
Filed: February 22, 2002 : Examiner: Bernarr E. Gregory  
For: GROUND PENETRATING RADAR ARRAY AND TIMING CIRCUIT

**REVOCATION OF POWER OF ATTORNEY, APPOINTMENT**  
**AND CERTIFICATION UNDER 37 CFR 3.73(B)**

Mail Stop Revocation  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The undersigned assignee of the above-identified application hereby revokes all previous Powers of Attorney and appoints the following attorneys with full power to prosecute the application, to make alterations and amendments therein, and to transact all business in the United States Patent Office connected therewith.

I hereby appoint the following attorney(s) and/or agent(s): Stephen A. Becker, Reg. No. 26,527; John G. Bisbikis, Reg. No. 37,095; Richard E. Brown, Reg. No. 47,453; Daniel Bucca, Reg. No. 42,368; Kenneth L. Cage, Reg. No. 26,151; Alex H. Chan, Reg. No. 52,713; Bernard P. Codd, Reg. No. 46,429; Lawrence T. Cullen, Reg. No. 44,489; Paul Devinsky, Reg. No. 28,553; Margaret M. Duncan, Reg. No. 30,879; Ramyar M. Farid, Reg. No. 46,692; Michael E. Fogarty, Reg. No. 36,139; John R. Fuisz, Reg. No. 37,327; Keith E. George, Reg. No. 34,111; Thomas A. Haag, Reg. No. 47,621; John A. Hankins, Reg. No. 32,029; Catherine Krupka, Reg. No. 46,227; Jack Q. Lever, Reg. No. 28,149; Michael A. Messina, Reg. No. 33,424; Joseph H. Paquin, Jr., Reg. No. 31,647; Scott D. Paul, Reg. No. 42,984; Gene Z. Robinson, Reg. No. 33,351; Brian K. Seidleck, Reg. No. 51,321; Joy Ann G. Serauskas, Reg. No. 27,952; David A. Spenard, Reg. No. 37,449; Arthur J. Steiner, Reg. No. 26,106; David M. Tennant, Reg. No. 48,362; Judith L. Toffenetti, Reg. No. 39,048; Kelli N. Watson, Reg. No.

47,170; Cameron K. Weiffenbach, Reg. No. 44,488; Aaron Weisstuch, Reg. No. 41,557; Edward J. Wise, Reg. No. 34,523; Jeffrey A. Woller, Reg. No. 48,041; Alexander V. Yampolsky, Reg. No. 36,324; William Young, Reg. No. 54,718; and Wei-Chen Chen and Tomoki Tanida, admitted under 37 CFR 10.9(b) all of

McDERMOTT WILL & EMERY LLP  
600 13th Street, N.W.  
Washington, D. C. 20005-3096

with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and all future correspondence should be addressed to them.

**CERTIFICATE UNDER 37 CFR 3.73(b)**

Witten Technologies, Inc., a corporation of Florida, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of:

An Assignment from the inventors. A copy of the assignment is attached hereto.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

The undersigned further declares that all statements made herein of its own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States

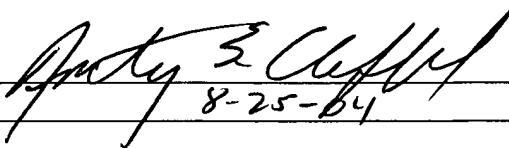
Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Respectfully submitted,

Witten Technologies, Inc.

Name: Anthony E. Clifford

Title: Chairman & CEO

Signature: 

Date: 8-25-04

## ASSIGNMENT

WHEREAS we, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

## GROUND PENETRATING RADAR ARRAY AND TIMING CIRCUIT

for which we executed an application for United States Letters Patent concurrently herewith or filed on February 22, 2002 (Application No. not yet assigned), which is a continuation of Application No. 09/866,575 filed May 29, 2001, which is a continuation of Application No. 09/658,188, filed September 8, 2000; and

WHEREAS, Witten Technologies, a corporation of Florida whose post office address is 295 Huntington Avenue, Suite 203, Boston, Massachusetts 02115 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from Assignee is hereby acknowledged, we, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention, provisional application, (Application No. 60/152,607 filed September 8, 1999), and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent which may be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I/We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that we have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, we have hereunto set our hands.

County of Cleveland )  
State of Oklahoma )  
ss. )  
Name: Alan J. Witten  
Address: 3308 River Walk Court  
Norman, Oklahoma 73072  
By: Alan Witten  
Date: 03-25-02

Subscribed and sworn to before me this 25<sup>th</sup> day of March, 2002  
W. Deekha Sastry, Notary Public

## ASSIGNMENT

WHEREAS we, the below named inventors, [hereinafter referred to as Assignors], have made an invention entitled:

### GROUND PENETRATING RADAR ARRAY AND TIMING CIRCUIT

for which we executed an application for United States Letters Patent concurrently herewith or filed on February 22, 2002 (Application No. 10/079,807), which is a continuation of Application No. 09/866,575 filed May 29, 2001, which is a continuation of Application No. 09/658,188, filed September 8, 2000; and

WHEREAS, Witten Technologies, a corporation of Florida whose post office address is 295 Huntington Avenue, Suite 203, Boston, Massachusetts 02115 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from Assignee is hereby acknowledged, we, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention, provisional application, (Application No. 60/152,607 filed September 8, 1999), and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent which may be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I/We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that we have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, we have hereunto set our hands.

County of _____ )	Name: <u>Alan J. Witten</u>
)	Address: <u>3308 River Walk Court</u>
)	<u>Norman, Oklahoma 73072</u>
State of <u>Oklahoma</u> )	By: _____
)	Date: _____

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 2002  
\_\_\_\_\_  
, Notary Public

**RECEIVED**

MAR 03 2003

**Finnegan, Henderson, Farabow,  
Garrett & Dunner, L.L.P.**

SOLE/JOINT INVENTION  
(Worldwide Rights)  
Attorney Docket No. 07582.0005-02

County of Middlesex )  
)  
)  
State of Massachusetts )

ss

Name: Anthony J. Devaney  
Address: 113 Commonwealth Avenue, No. 5  
Boston, MA 02116  
By: Anthony J. Devaney  
Date: 2-25-03

Subscribed and sworn to before me this 25<sup>th</sup> day of February, 2002 2003  
Noss W. Deming, Notary Public

ROSS W. DEMING  
Commission Expires October 16, 2009